

TABLE 1

SEQ ID NO	CLONE ID	TEMPLATE ID	GENBANK ID	DESCRIPTION	DATABASE CLASS
1	504786	199772.6	g187297	Human MAL protein gene mRNA, complete cds.	gb119pri
2	560347	198266.70		Incute Unique	1
3	644646	238104.1		Incute Unique	1
4	1416782	197902.12	9688370	very low density lipoprotein receptor [human, heart, mRNA, very low density lipoprotein receptor [human, heart, mRNA, very low density lipoprotein receptor [human, heart, mRNA,	gb119pri
5	1416782	197902.13	9688370	very low density lipoprotein receptor [human, heart, mRNA, very low density lipoprotein receptor [human, heart, mRNA,	gb119pri
6	1426583	1095159.4	9688370	very low density lipoprotein receptor [human, heart, mRNA, very low density lipoprotein receptor [human, heart, mRNA,	gb119pri
7				Incute Unique	1
8	1525746	331616.2	g187182	Human lymph node homing receptor mRNA, complete cds. CD62L	gb119pri
8	1876370	331616.2	g187182	Human lymph node homing receptor mRNA, complete cds. CD62L	gb119pri
9	1824001	1383590.8	9546603	Human lymph node homing receptor mRNA, complete cds. CD62L	genpept119
10	1985367	1400599.2	g1890049	glutamine synthetase, GS {EC 6.3.1.2} [human, tumorous liver, Homo sapiens mRNA for cysteine protease, complete cds.	gb119pri
11	2115028	040652.36	g9176525	Homo sapiens mRNA for cysteine protease, complete cds.	genpept119
12	2115028	1098584.1	g96644297	interferon-inducible myeloid differentiation transcriptional IFI16b [Homo sapiens]	genpept119
13	560347	231454.18		Incute Unique	1
13	3120209	231454.18		Incute Unique	4
14	678618	400744.1	g9341156	Homo sapiens nuclear mitogen- and stress-activated protein	gb119pri
15	776360	977954.13	g1338886	Human cyclin G2 mRNA, complete cds.	4
16	776360	977954.14	g1335886	Human cyclin G2 mRNA, complete cds.	gb119pri
17	1286938	221445.1	g96046544	Homo sapiens hHDC gene for homolog of Drosophila headcase, Incute Unique	gb119pri
18	1415503	985369.1		Incute Unique	4
19	1451660	403116.12		Incute Unique	4
20	1451660	403116.13		Incute Unique	4
21	1451660	403116.33		Incute Unique	4
22	1481225	243902.23	g2696053	Homo sapiens ADDL mRNA for adducin-like protein, complete	gb119pri
23	1481225	243902.24	g2696053	Homo sapiens ADDL mRNA for adducin-like protein, complete	4
24	2125177	337787.1		Incute Unique	4
25	2444061	1032796.1	g1488360	H.sapiens mRNA for cyclin G1.	gb119pri
26	2741788	480787.20	g92343085	nuclear antigen H731-like protein [Homo sapiens] & H731 protein	genpept119
27	2741788	480787.31	g1825562	nuclear antigen H731 [Homo sapiens] & g2343085, H731-like	genpept119
28	3034487	1383205.5	g96650103	Homo sapiens bicarbonate transporter (BT) mRNA, complete	gb119pri
28	2742948	1393205.5	g96650103	Homo sapiens bicarbonate transporter (BT) mRNA, complete	gb119pri
29	2927239	233843.3		Incute Unique	4
30	3123535	412290.13		Incute Unique	4
31	3123535	412290.15		Incute Unique	4
32	3123535	412290.5		Incute Unique	4
33	3243995	984100.1	g935229	H.sapiens gene PACAP for pituitary adenylate cyclase activating	gb119pri
34	3243995	984100.3	g935229	H.sapiens gene PACAP for pituitary adenylate cyclase activating	4
35	564832	215592.1		Incute Unique	5

## TABLE 2

SEQ ID NO	CLONE ID	TEMPLATE ID	GENBANK ID	DESCRIPTION	DATABASE	CLASS
36	2718519	231109.11	g29903	Human cellular oncogene c-fos (complete sequence).	gb119pri	1
37	620013	234919.1	g397938	H.sapiens CD69 gene.	gb119pri	1
38	637393	2388627.2	g1694788	H.sapiens mRNA for GRS protein.	gb119pri	1
39	341491	899156.35	g29903	Human cellular oncogene c-fos (complete sequence).	gb119pri	1
40	1705208	988653.1	95420378	Homo sapiens EGR1 gene for early growth response protein 1.	gb119pri	1
40	1910901	988653.1	95420378	Homo sapiens EGR1 gene for early growth response protein 1.	gb119pri	1
41	1986809	1097638.1	g6691160	Homo sapiens low density lipoprotein receptor (LDLR) gene,	gb119pri	1
42	1467384	1098423.13	g181986	Human early growth response 2 protein (EGR2) mRNA, complete	gb119pri	1
42	3603037	1098423.13	g181986	Human early growth response 2 protein (EGR2) mRNA, complete	gb119pri	3
43	1842870	1100821.1	g307165	Human myeloid cell differentiation protein (MCL1) mRNA.	gb119pri	1
44	2590375	1134866.26	g292833	Human TR3 orphan receptor mRNA, complete cds.	gb119pri	2
44	2591294	1134866.26	g292833	Human TR3 orphan receptor mRNA, complete cds.	gb119pri	3
45	1346518	1134866.36	g292833	Human TR3 orphan receptor mRNA, complete cds.	gb119pri	1
45	1958560	1134866.36	g292833	Human TR3 orphan receptor mRNA, complete cds.	gb119pri	1
46	1998594	1136056.1	g1082037	Human GOS3 mRNA, complete cds.	gb119pri	1
47	2197952	1253777.1	g2828536	Human Hsp27 ER-E-TATA-binding protein (HET) mRNA, complete	gb119pri	1
48	1760208	1215335.7	Incyte Unique	Incyte Unique	Incyte	1
49	1806660	238289.2	Incyte Unique	Incyte Unique	Incyte	1
50	1731786	443096.24	g35472	H.sapiens pilot mRNA; g1679920 EGR3	gb119pri	1
50	2653001	443096.24	g35472	H.sapiens pilot mRNA; g1679920 EGR3	gb119pri	2
51	518826	235631.2	g559539	Homo sapiens protein tyrosine phosphatase (PAC-1) mRNA,	gb119pri	2
52	1360375	331567.1	Incyte Unique	Incyte Unique	Incyte	2
53	1919520	349343.3	g924281	Human mitogen induced nuclear orphan receptor (MINOR) mRNA,	gb119pri	2
54	1430318	407065.3	g202402	Wnt-4 [Mus musculus]	genpept119	2
55	2099993	232049.2	g177885	Human tumor necrosis factor alpha inducible protein A20 mRNA,	gb119pri	3
56	1969563	995119.6	g186624	Human c-jun proto oncogene (JUN), complete cds, clone hCJ-1.	gb119pri	3
57	3142624	1194750.7	g187290	Homo sapiens MAD-3 mRNA encoding IkB-like activity,	gb119pri	3

TABLE 3

SEQ ID NO	CLONE ID	TEMPLATE ID	GENBANK ID	DESCRIPTION	DATABASE	CLASS
58	1728574	39976.16	91049083	Human splicing factor SRp55-2 (SRp55) mRNA; g9408729 clone RP5-862K6	gb119pri	1
59	1483735	233576.58	9306714	DNAJ homologue-2	gb119pri	1
60	1483735	233576.63	98249464	DNA J homolog-HDJ2 protein [Homo sapiens]	gb119pri	1
61	1508941	235809.8	96851733	Homo sapiens MAP kinase kinase 3 (MKK3) mRNA, complete cds.	gb119pri	1
62	2801393	238849.1		Incute Unique		1
63	2819485	244230.4		Incute Unique		1
64	2819485	244230.4		Incute Unique		1
65	3068454	256009.20	g178282	Human novel protein AHNAK mRNA, partial sequence.	gb119pri	1
66	1219391	348218.17	9219901	Human mRNA for protein-tyrosine phosphatase, complete cds.	gb119pri	1
67	2171605	350667.1	92580586	dead box, Y isoform [Homo sapiens]	genpept119	1
68	1568925	461654.27	938459	H.sapiens MADFR mRNA.	gb119pri	1
68	2169708	461654.27	938459	H.sapiens MADFR mRNA.	gb119pri	1
69	2716582	895118.2	936852	Human mRNA for T-cell receptor alpha-chain HAVP02	gb119pri	1
70	1688801	996625.6	9806765	Human 76 kDa tyrosine phosphoprotein SLP-76 mRNA, complete	gb119pri	1
71	2820337	1093005.5	938457	H.sapiens mRNA for PTB-associated splicing factor.	gb119pri	1
72	2930812	1093005.6	938457	H.sapiens mRNA for PTB-associated splicing factor.	gb119pri	1
73	1447856	1306997.1	91478351	EGR alpha-early growth response gene alpha	gb119pri	1
74	3493710	202023.6	9184243	Human 3-hydroxy-3-methylglutaryl coenzyme A reductase mRNA,	gb119pri	3
75	1003427	233225.4	93282822	Human clones 23667 and 23775 zinc finger protein mRNA,	gb119pri	3
76	1870534	244146.6	91913900	Human clones 23667 and 23775 zinc finger protein mRNA,	gb119pri	3
77	1688762	245002.15	99230740	Human CD164 mRNA, complete cds.	gb119pri	3
78	3594284	349879.5	938017	Human PRDI-BF1 gene for a DNA-binding protein.	gb119pri	3
79	1354413	481087.13	97110492	Human sapiens breast carcinoma-associated antigen isoform I	gb119pri	3
80	1354413	481087.9	97110492	Human sapiens breast carcinoma-associated antigen isoform I	gb119pri	3
81	1446186	898939.9	9463551	Human clone pJS3 interferon gamma receptor accessory	gb119pri	3
82	1712592	1097722.6	92358288	Human sapiens insulin induced protein 1 (INSIG1) gene, complete	gb119pri	3
83	1712592	1097722.7	92358288	Human sapiens insulin induced protein 1 (INSIG1) gene, complete	gb119pri	3
84	2927362	1216877.1	93077888	Human adhesion molecule ninjurin mRNA, complete cds.	gb119pri	3
85	2073875	1325741.2	9405193	Homo sapiens splicing factor (CC1.4) mRNA, complete cds.	gb119pri	3
86	1402967	1383286.1	934511	H.sapiens, gene for Membrane cofactor protein.	gb119pri	3
87	1711053	1383324.13	g1857236	Human p57 mRNA, complete cds.	gb119pri	3
88	1929424	246194.18		Incute Unique		3
89	1929424	480784.15	g2198855	melanoma differentiation associated protein-9 [Homo sapiens]	genpept119	3

**TABLE 4**

SEQ ID NO	CLONE ID	TEMPLATE ID	GENBANK ID	DESCRIPTION	DATABASE	CLASS
90	1738535	22485.18	934346	Human mRNA for lymphocyte function associated antigen-3 LFA-3	gb119pri	1
91	3002426	59263.15	91809245	Human Src-like adapter protein mRNA, complete cds.	gb119pri	1
92	1618455	207683.2	9178990	Human arginine-rich protein (ARP) gene, complete cds.	gb119pri	1
93	2024102	234224.5	91794218	Human 150 kDa oxygen-regulated protein ORP150 mRNA,	gb119pri	1
94	1417936	236393.11	98453170	Homo sapiens outer dense fiber-associated protein SPAG4	gb119pri	1
95	1696224	242010.34	9188487	Human MHC class III HSP70-1 gene (HLA), complete cds.	gb119pri	1
96	1666737	293296.19	935781	H.sapiens PTP1C mRNA for protein-tyrosine phosphatase 1C.	gb119pri	1
97	2123516	349676.8	935221	Human heat-shock protein HSP70B gene.	gb119pri	1
98	311922	394867.1	9184022	Human Hanukkah factor serine protease (HuHF) mRNA, complete	gb119pri	1
98	1560741	394867.1	9184022	Human Hanukkah factor serine protease (HuHF) mRNA, complete	gb119pri	1
99	2749539	394867.2	9184022	Human Hanukkah factor serine protease (HuHF) mRNA, complete	gb119pri	1
100	2073546	433569.1	9791003	Human sapiens ARSE gene, complete CDS.	gb119pri	1
101	2344578	995638.51	9598234	Homo sapiens T cell receptor alpha chain mRNA.	gb119pri	1
102	2641522	1094412.1	91143491	H.sapiens mRNA for BIP protein.	gb119pri	1
102	2884613	1094412.1	91143491	H.sapiens mRNA for BIP protein.	gb119pri	1
103	2679349	1330258.16	937260	Human tra1 mRNA for human homologue of murine tumor	gb119pri	1
103	2852374	1330258.16	937260	Human tra1 mRNA for human homologue of murine tumor	gb119pri	1
104	118501	1383039.19	932466	Human hsc70 gene for 71 kd heat shock cognate protein.	gb119pri	1
105	1750594	201780.1	9598234	Incyte Unique	gb119pri	2
101	2652526	995668.51	9598234	Homo sapiens T cell receptor alpha chain mRNA.	gb119pri	2
101	1875227	995668.51	9598234	Homo sapiens T cell receptor alpha chain mRNA.	gb119pri	2
106	1739639	25003.1	94566745	IncYTE Unique	gb119pri	2
107	2197211	995668.15	923845	Homo sapiens LRB (LR8) mRNA, complete cds.	gb119pri	2
108	16556931	1013708.6	923845	IncYTE Unique	gb119pri	2
109	2652526	1397264.2	92358042	Homo sapiens T-cell receptor alpha delta locus from bases	gb119pri	2
110	388964	246946.1	94107228	Homo sapiens mRNA for lipophilin A, try lipophilin B	gb119pri	3
111	2617847	346551.4	92213442	H.sapiens mRNA for inwardly rectifying potassium channel	gb119pri	3
112	3026540	360532.1	937207	Human mRNA for slow skeletal troponin C (TnC).	gb119pri	3
113	2617847	401750.2	92213442	H.sapiens mRNA for inwardly rectifying potassium channel	gb119pri	3
114	3893362	017958.1	IncYTE Unique	IncYTE Unique	3	3
115	3893362	144947.1	IncYTE Unique	IncYTE Unique	3	3
116	459372	235687.5				

TABLE 5

CLONE ID	0 hr	0.5 hr	1 hr	2 hr	4 hr	8 hr	0 hr		0.5 hr		1 hr		2 hr		4 hr		8 hr	
							CD3	CD3	CD3	CD3	CD3	CD3	CD3	CD3	CD3	CD3	CD3	CD3
118501	-0.08	0.09	0.43	0.62	1.05	1.65	-0.13	0.27	0.49	1.19	1.51	1.81						
311922	-0.18	-0.20	-0.01	0.32	1.04	1.46	-0.63	0.03	0.00	0.40	0.77	1.35						
341491	-0.32	2.09	0.67	-0.35	-0.61	-0.46	-0.10	1.36	0.31	-0.30	0.15	-0.28						
341491	-0.08	2.50	1.02	-0.15	-0.15	-0.08	-0.41	1.92	0.38	-0.67	-0.61	-0.14						
388964	0.30	0.38	0.62	0.43	0.55	0.46	0.30	0.82	0.80	1.15	0.88	0.93						
389362	0.23	0.33	0.56	0.43	0.46	0.33	0.30	0.76	0.79	1.05	0.93	0.92						
459372	0.13	0.22	0.26	0.22	0.18	0.01	0.32	0.75	0.76	1.00	0.91	0.86						
504786	-0.03	-0.09	-0.27	-0.46	-0.68	-0.57	-0.10	-0.17	-0.35	-0.74	-1.09	-0.72						
519826	-0.11	3.21	3.14	2.39	1.08	0.96	-0.21	2.28	2.47	2.29	0.54	0.42						
560347	-0.03	-0.69	-0.95	-0.95	-1.22	-0.94	-0.06	-1.18	-1.15	-0.97	-1.14	-1.13						
564832	-0.39	-0.32	-0.48	-0.37	-0.57	-0.50	-0.31	-0.38	-0.37	-1.02	-0.44	-0.15						
620013	-0.02	0.53	0.80	0.13	0.36	0.24	-0.31	1.12	1.53	0.78	0.34	0.20						
637393	-0.31	0.55	0.65	0.23	-0.19	-0.13	-0.34	1.20	1.15	0.31	0.12	0.22						
644646	-0.55	-0.86	-1.09	-1.04	-1.00	-0.87	-0.35	-0.74	-0.96	-1.09	-0.68	-0.40						
678618	-0.24	-0.30	-0.36	-0.55	-1.01	-0.66	-0.35	-0.22	-0.23	-0.29	-0.33	-0.21						
776360	-0.20	-0.46	-0.63	-1.13	-1.24	-0.76	-0.11	-0.10	-0.21	-0.57	-0.71	-0.25						
1003427	0.04	-0.05	-0.02	0.91	0.05	-0.17	-0.04	-0.04	0.24	1.71	0.26	0.12						
1219391	-0.09	0.19	0.74	1.52	1.35	0.95	-0.09	0.13	0.41	1.44	1.02	0.47						
1286958	-0.48	-0.56	-0.64	-0.99	-1.32	-0.97	-0.24	-0.32	-0.27	-0.67	-0.65	-0.37						
1346518	0.25	1.58	1.90	0.84	0.37	0.35	0.11	1.21	1.78	1.03	0.16	0.14						
1354413	-0.06	-0.30	-0.35	0.20	-0.36	-0.32	-0.02	-0.06	0.13	1.04	-0.01	0.02						
1360375	0.12	2.22	0.90	0.13	0.03	0.06	0.07	0.91	0.33	0.08	0.04	-0.12						
1402967	0.10	-0.19	0.04	-0.28	-0.43	-0.45	0.07	0.28	0.37	1.16	-0.15	0.06						
1415503	-0.09	-0.49	-0.55	-1.06	-0.96	-0.70	-0.10	-0.36	-0.54	-0.41	-0.71	-0.43						
1416782	-0.24	-0.62	-0.89	-1.14	-0.98	-0.63	-0.04	-0.07	-0.34	-0.71	-0.22	0.01						
1417936	-0.26	0.28	0.81	1.34	1.25	1.57	-0.04	0.34	0.97	1.35	1.34	1.49						
1426583	0.05	-0.18	-0.33	-0.76	-1.03	-0.74	-0.16	-0.27	-0.63	-0.64	-0.90	-0.73						
1430318	0.14	2.12	0.73	0.06	0.23	0.09	0.07	1.08	0.09	0.14	0.02	-0.07						
1446186	-0.10	-0.26	-0.31	0.25	-0.27	-0.38	-0.04	-0.03	-0.03	1.15	0.01	-0.06						
1447856	-0.50	-0.64	1.72	1.02	-0.37	-0.57	0.03	-0.02	1.41	1.58	0.27	0.20						
1451660	-0.06	-0.64	-0.84	-0.94	-1.08	-0.82	-0.12	-0.36	-0.50	-0.49	-0.49	-0.22						
1467384	-0.22	1.07	1.79	0.18	-0.19	-0.24	-0.33	1.09	1.41	0.28	0.15	-0.07						
1481225	-0.16	-0.59	-0.49	-1.13	-0.90	-0.89	-0.17	-0.02	-0.08	-0.18	-0.44	-0.45						
1483735	0.07	0.15	0.54	0.67	0.84	0.97	0.02	0.48	0.71	1.26	0.88	0.97						
1508941	0.08	-0.08	0.13	0.70	0.23	0.16	0.01	-0.06	0.23	0.91	0.36	0.25						
1508941	-0.16	-0.25	-0.06	0.48	0.12	-0.08	-0.01	0.18	1.09	0.37	0.14							
1525746	-0.35	-0.52	-0.55	-0.93	-1.18	-0.96	-0.09	-0.34	-0.52	-0.43	-0.88	-0.67						
1560741	-0.21	-0.33	-0.25	0.04	0.76	1.24	0.05	0.10	0.18	0.77	1.20	0.04						
1566925	-0.06	-0.07	0.88	1.67	0.36	0.18	0.00	0.07	0.34	1.47	0.04	0.01						

**TABLE 5**

1618455	-0.22	-0.15	-0.16	0.22	0.53	1.07	-0.21	0.28	0.09	0.47	0.25	0.97
1656931	-0.04	0.29	0.71	1.27	1.24	1.28	-0.01	0.04	0.32	0.55	0.56	0.64
1666737	-0.13	0.24	0.69	0.94	0.95	1.03	-0.07	0.20	0.54	0.89	1.09	1.04
1688762	-0.14	-0.22	-0.11	-0.01	0.18	0.04	-0.14	-0.01	0.21	1.01	0.42	-0.18
1688801	-0.02	0.05	0.19	0.46	1.02	0.93	-0.12	-0.07	-0.04	0.66	0.86	0.55
1696224	-0.06	0.00	0.00	0.16	0.26	0.53	-0.08	0.37	0.24	0.23	0.65	1.04
1705208	-0.14	4.09	3.51	1.23	0.66	0.61	-0.03	3.70	2.77	1.95	0.77	0.65
1711053	0.02	0.01	0.43	0.29	0.35	0.40	0.08	0.14	0.38	1.16	0.76	0.59
1712592	0.06	-0.05	0.09	0.04	-0.65	-0.61	-0.03	0.14	0.47	1.01	-0.26	-0.40
1728574	-0.03	0.60	0.83	0.81	0.56	0.27	-0.14	0.45	0.68	1.31	0.63	0.17
1731786	-0.26	1.09	2.45	0.45	-0.32	-0.29	-0.18	1.75	2.43	0.90	-0.20	0.01
1733639	0.06	0.31	0.88	1.27	1.36	1.63	-0.03	-0.16	0.49	0.84	0.62	0.75
1738535	0.07	-0.03	-0.12	0.13	0.48	1.03	-0.09	-0.07	-0.12	0.33	0.31	0.59
1750594	-0.53	-0.44	-0.37	-0.05	0.55	0.70	0.04	0.00	-0.16	0.04	0.57	1.04
1760208	-0.04	0.05	0.41	0.32	-0.03	-0.01	0.00	0.37	1.02	0.62	0.22	0.17
1806660	-0.15	-0.35	0.89	0.49	-0.09	-0.18	-0.17	-0.18	1.04	0.56	0.03	0.03
1824001	-0.03	-0.34	-0.63	-0.90	-1.04	-0.61	-0.20	-0.37	-0.63	-0.70	-0.67	-0.46
1842870	-0.21	0.71	1.17	0.18	0.21	0.04	-0.29	1.39	1.54	0.63	0.08	0.08
1842870	-0.09	1.13	1.29	0.43	0.22	0.24	-0.16	1.41	1.22	0.77	-0.01	0.33
1870534	-0.01	-0.31	-0.05	1.04	-0.02	-0.24	-0.05	-0.21	-0.12	2.02	0.23	0.11
1876227	-0.11	0.21	0.79	1.07	0.95	0.94	-0.08	0.01	0.31	0.49	0.45	0.53
1876370	-0.18	-0.21	-0.47	-0.63	-0.82	-0.65	-0.09	-0.24	-0.47	-0.83	-1.02	-0.65
1910901	-0.05	2.39	2.73	0.66	0.58	0.43	0.05	3.91	3.70	1.15	0.44	0.44
1919520	-0.32	-0.19	1.19	0.58	-0.33	-0.27	-0.01	-0.16	0.07	-0.11	0.00	-0.11
1929424	-0.03	-0.12	0.06	-0.10	-0.14	0.09	-0.15	-0.09	0.12	1.04	0.07	0.18
1958560	-0.21	2.78	2.71	1.33	0.27	0.31	-0.10	1.72	2.47	1.97	0.44	0.33
1968563	-0.37	0.39	0.41	-0.21	-0.33	-0.47	-0.27	1.71	1.66	0.19	0.00	-0.02
1983367	0.00	-0.23	-0.40	-1.11	-1.34	-1.21	-0.15	-0.10	-0.25	-0.48	-1.18	-1.01
1988809	-0.46	0.03	0.87	-0.03	-0.21	-0.30	-0.41	0.11	0.97	-0.12	-0.51	-0.32
1988809	-0.22	0.27	1.16	0.14	-0.13	-0.13	-0.17	0.38	0.79	0.26	0.01	0.00
1998594	-0.25	1.66	1.24	0.10	-0.17	-0.15	0.00	1.66	1.58	0.54	0.01	0.13
2024102	-0.11	0.00	0.07	0.01	0.19	0.93	-0.01	0.15	0.20	0.21	0.48	1.05
2073546	-0.28	-0.05	-0.04	-0.07	0.25	0.98	0.12	0.10	0.12	0.43	1.11	
2073875	-0.19	-0.13	-0.27	1.16	0.28	0.00	-0.09	0.00	0.21	0.60	1.08	0.39
2099993	0.00	-0.05	0.25	0.12	0.24	0.07	-0.11	0.23	1.09	0.47	0.33	0.19
2115028	-0.17	-0.47	-0.74	-1.19	-0.78	-0.14	-0.24	-0.41	-0.63	-0.82	-0.80	-0.06
2123516	0.00	0.07	0.27	0.30	0.54	0.87	-0.05	0.31	0.28	0.45	0.89	
2125177	-0.78	-1.13	-1.09	-0.64	-0.43	-0.74	-0.32	-0.37	-0.21	-0.50	-0.21	-0.34
2169708	-0.06	-0.19	1.06	1.94	0.33	0.14	0.11	0.13	0.90	1.63	0.45	0.29
2171605	0.04	0.30	0.80	0.57	0.40	0.37	-0.01	0.59	0.85	1.12	0.51	0.35
2197211	0.01	0.36	0.96	1.32	1.37	1.51	-0.06	0.04	0.35	0.70	0.61	0.73

**TABLE 5**

2197952	-0.32	0.62	-0.36	-0.56	-0.41	-0.01	1.48	0.48	0.15	-0.37	-0.27
2344578	-0.34	0.27	0.36	0.99	1.44	1.32	1.51	-0.04	0.35	1.01	1.42
2344578	-0.02	0.36	0.99	1.53	1.60	1.95	-0.02	-0.02	1.07	1.57	1.31
2444061	-0.17	-0.47	-0.53	-0.98	-1.22	-0.88	-0.16	-0.34	-0.55	-0.41	1.39
2590375	-0.27	1.11	1.14	0.30	-0.17	-0.16	-0.06	0.07	0.16	-0.23	-0.15
2591294	0.10	0.87	1.49	0.53	0.19	0.21	0.07	2.50	3.29	1.37	0.47
2617847	0.28	0.49	0.61	0.43	0.57	0.40	0.24	0.72	0.81	1.30	0.66
2635001	-0.08	2.43	3.24	1.29	-0.05	-0.06	-0.04	1.66	1.83	1.35	-0.10
2641522	0.16	0.32	0.40	0.42	1.15	1.63	0.02	0.20	0.32	0.94	0.28
2641522	0.02	0.18	0.31	0.39	1.14	1.50	-0.06	0.34	0.37	0.97	1.39
2641522	0.08	0.34	0.67	0.86	1.69	2.15	-0.02	-0.01	0.37	0.79	1.75
2652526	-0.01	0.29	0.77	1.14	1.15	1.20	-0.02	-0.03	0.27	0.61	0.52
2679349	-0.20	0.00	-0.04	0.25	0.82	1.53	-0.05	0.09	0.33	0.50	0.93
2716582	-0.34	0.33	0.71	1.23	1.00	1.24	0.02	0.16	0.51	1.04	0.75
2718519	0.00	0.83	0.52	0.05	0.10	0.03	-0.05	1.11	0.30	-0.14	-0.02
2747488	-0.06	-0.28	-0.35	-0.65	-1.04	-1.13	-0.09	-0.09	-0.10	-0.09	-0.79
2742948	-0.39	-0.65	-0.53	-1.04	-1.15	-0.76	-0.15	-0.25	-0.30	-0.37	-0.58
2749539	-0.41	-0.43	-0.35	-0.03	0.51	0.92	0.01	0.09	0.03	0.08	0.75
2819485	-0.03	0.13	0.43	0.72	0.23	0.16	0.01	0.24	0.61	1.17	0.48
2820337	-0.11	0.21	0.75	0.90	0.93	0.37	0.05	0.46	0.85	1.50	1.29
2852374	-0.03	-0.06	0.10	0.33	0.95	1.78	-0.19	0.05	0.27	0.67	1.02
2884613	-0.11	0.34	0.49	0.72	1.38	2.00	0.02	0.38	0.46	1.05	2.07
2901393	0.02	0.03	0.70	0.46	0.22	0.15	0.12	0.42	0.46	1.11	0.36
2927239	-0.36	-0.35	-0.60	-0.89	-1.10	-0.73	-0.15	-0.33	-0.64	-0.78	-0.35
2927362	0.02	0.07	0.14	0.33	0.21	0.10	0.04	0.24	0.32	1.05	0.59
2930812	-0.24	0.29	0.61	0.96	0.85	0.15	-0.22	0.30	0.79	1.17	0.87
3002426	-0.06	-0.12	0.17	0.51	0.89	1.16	-0.14	-0.18	0.21	0.91	1.00
3026540	0.10	0.33	0.58	0.38	0.48	0.29	0.17	0.68	0.60	1.18	0.77
3034487	-0.19	-0.45	-0.56	-1.16	-1.07	-0.73	-0.05	-0.08	-0.03	-0.33	0.00
3034487	-0.23	-0.53	-0.42	-1.13	-0.98	-0.67	-0.18	0.05	-0.03	-0.24	-0.47
3068454	-0.21	-0.26	-0.12	0.58	0.53	0.15	-0.27	0.10	-0.03	1.15	0.96
3120209	0.18	-1.45	-1.29	-1.48	-1.50	-1.48	0.09	-0.98	-0.89	-0.76	-0.78
3123535	0.04	-1.04	-0.81	-0.86	-0.89	-0.77	0.05	-0.39	-0.45	-0.51	-0.36
3142624	-0.22	0.51	1.12	0.25	0.09	-0.21	-0.14	1.23	1.52	0.93	0.15
3142624	-0.21	0.12	0.50	0.09	0.01	-0.03	-0.05	1.31	1.98	0.74	0.02
3243995	-0.28	-0.61	-0.83	-1.02	-0.55	-0.30	-0.24	-0.07	-0.28	-0.33	-0.34
3493710	-0.12	-0.12	0.41	0.25	-0.08	-0.10	-0.03	0.27	0.87	1.29	0.43
3594284	-0.24	-0.25	0.11	0.81	-0.09	-0.15	-0.20	0.10	1.47	0.08	0.15
3603037	-0.07	2.76	2.74	0.78	0.26	0.17	-0.10	2.46	2.08	1.59	0.47
3603037	-0.26	1.16	1.52	0.31	0.04	-0.06	-0.07	2.31	2.59	0.92	0.22